

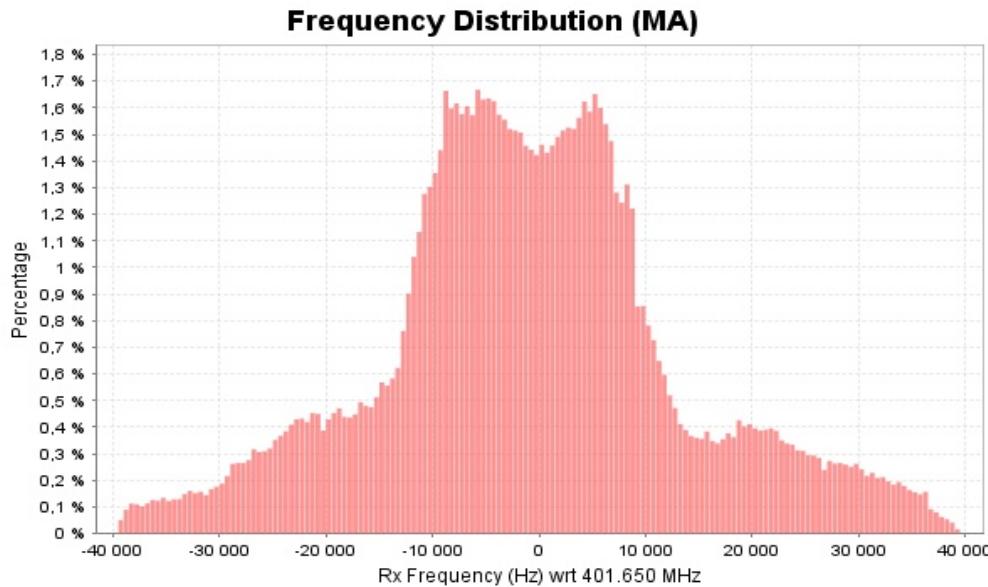
43rd ARGOS OPSCOM

New London, USA
June 2009

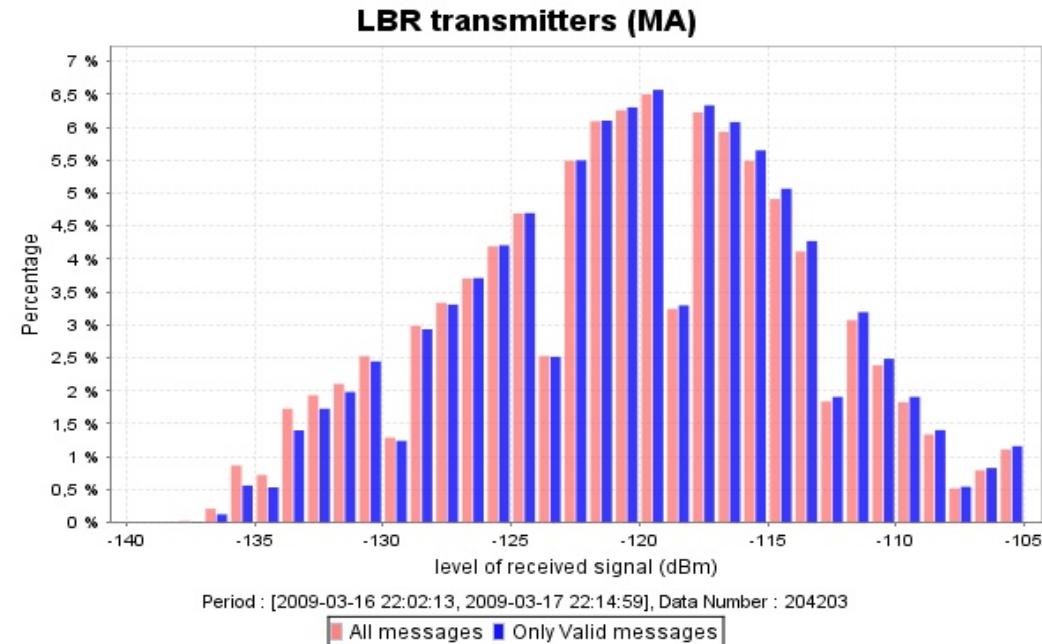
D4 – SYSTEM PERFORMANCE



Frequency Distribution



Received Level Distribution

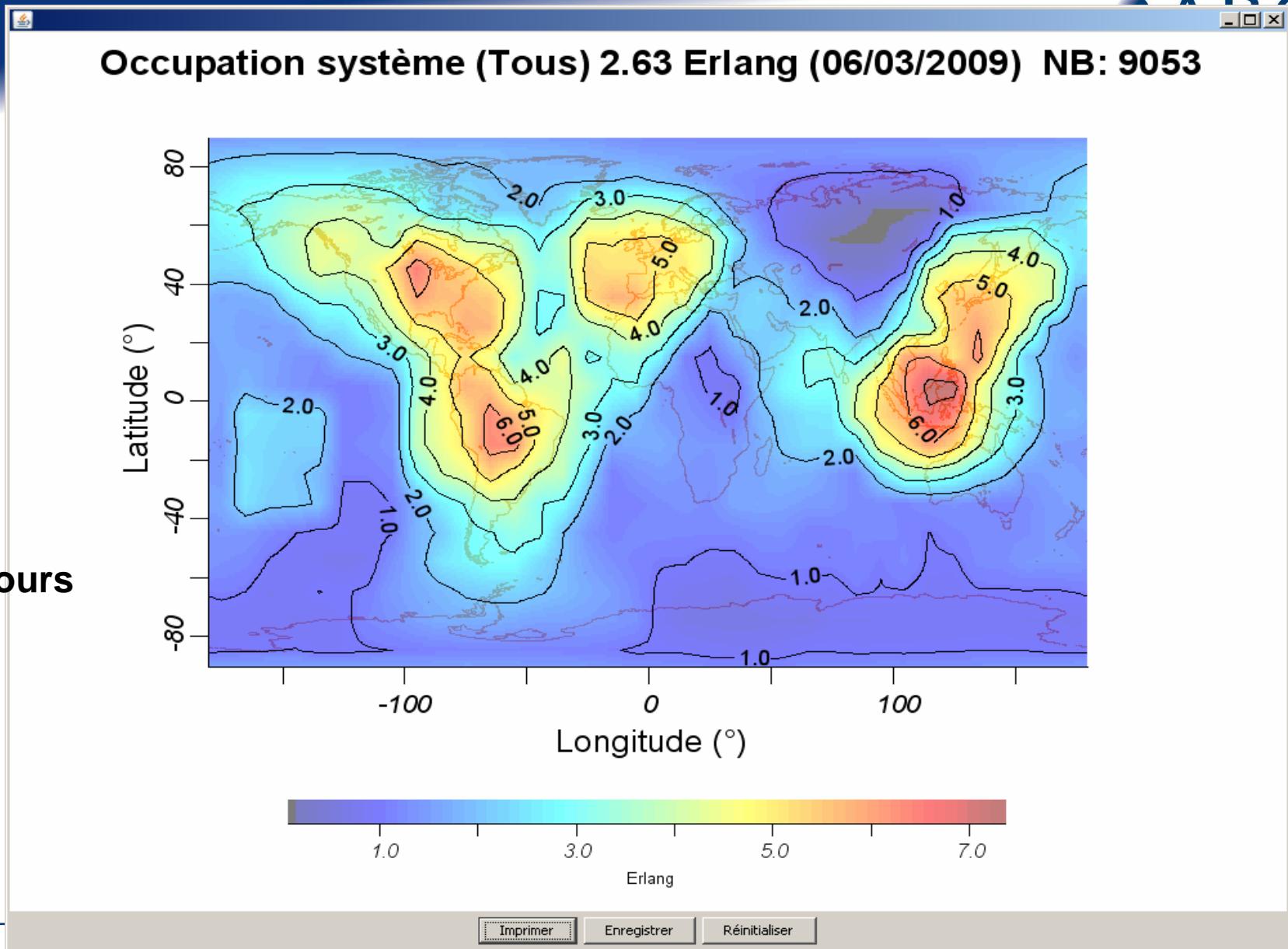




Orbitography beacon location performance (MA)

Period [2009-03-02 00:00:00, 2009-03-23 00:00:00]

Idbalise	NbLocGlo	NBlocSel	MeanError (km)	deltaLon (km)	deltaLat (km)	sigLon (km)	sigLat (km)
1	277	209	0.140	-0.004	0.060	0.100	0.165
108	349	226	0.129	-0.016	-0.033	0.109	0.108
109	144	92	0.223	0.028	0.091	0.211	0.195
110	170	104	0.198	0.034	-0.027	0.208	0.166
111	173	115	0.204	-0.036	-0.014	0.228	0.146
112	190	113	0.186	0.023	0.062	0.170	0.155
113	139	92	0.141	-0.004	0.012	0.128	0.130
116	140	92	0.206	-0.043	0.057	0.205	0.200
118	184	118	0.197	0.006	-0.016	0.217	0.133
119	263	158	0.194	0.039	-0.045	0.208	0.144



Statement of Argos instruments in-orbit

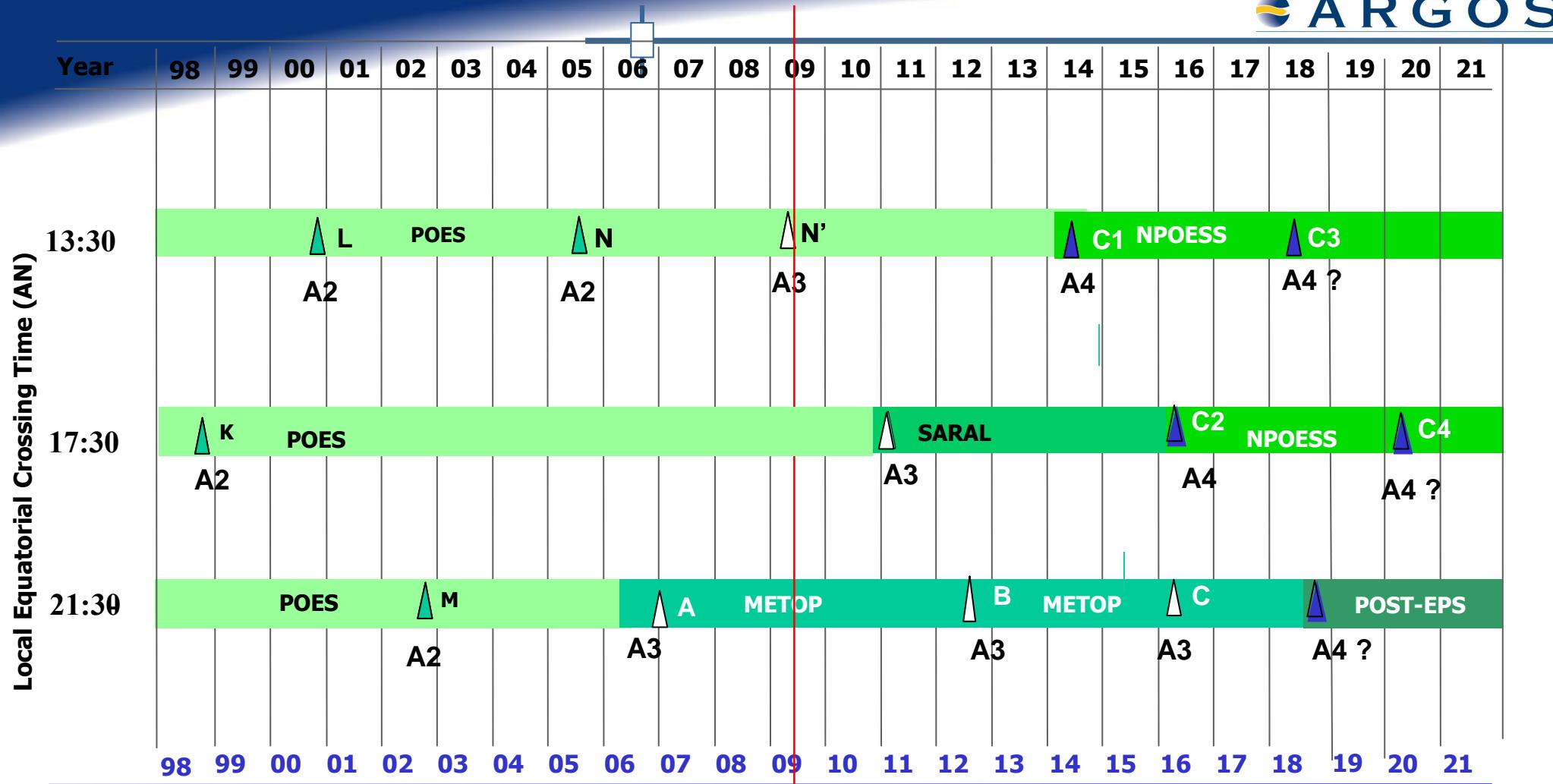


Satellite	Launch date	End	Durat.(days)	Durat.(years)	DCS type	Comment
Tiros-N	13/10/1978	27/02/1981	868	2,4	A1	prototype
NOAA-A	27/06/1979	31/03/1987	2834	7,8	A1	
NOAA-B	29/05/1980	29/05/1980	0	0,0	A1	launch failed
NOAA-C	23/06/1981	01/06/1986	1804	4,9	A1	
NOAA-D	14/05/1991	10/08/2007	5932	16,3	A1	
NOAA-E	28/03/1983	29/12/1985	1007	2,8	A1	proto Advanced Tiros-N
NOAA-F	12/12/1984	13/02/1998	4811	13,2	A1	
NOAA-G	17/09/1986	30/08/2001	5461	15,0	A1	
NOAA-H	24/09/1988	16/06/2004	5744	15,7	A1	
NOAA-I	09/08/1993	21/08/1993	12	0,0	A1	short circuit on board
NOAA-J	30/12/1994	23/05/2007	4527	12,4	A1	
NOAA-K	13/05/1998	31/05/2009	4036	11,1	A2	operational
NOAA-L	21/09/2000	31/05/2009	3174	8,7	A2	operational
NOAA-M	24/06/2002	31/05/2009	2533	6,9	A2	operational
ADEOS II	29/01/2003	25/10/2003	269	0,7	A-Next	failure on solar panel
NOAA-N	20/05/2005	31/05/2009	1472	4,0	A2	operational
METOP-A	19/10/2006	31/05/2009	955	2,6	A3	operational (no HRPT)
NOAA-N'	06/02/2009	31/05/2009	114	0,3	A3	commissioning
		TOTAL	45553	124,8		



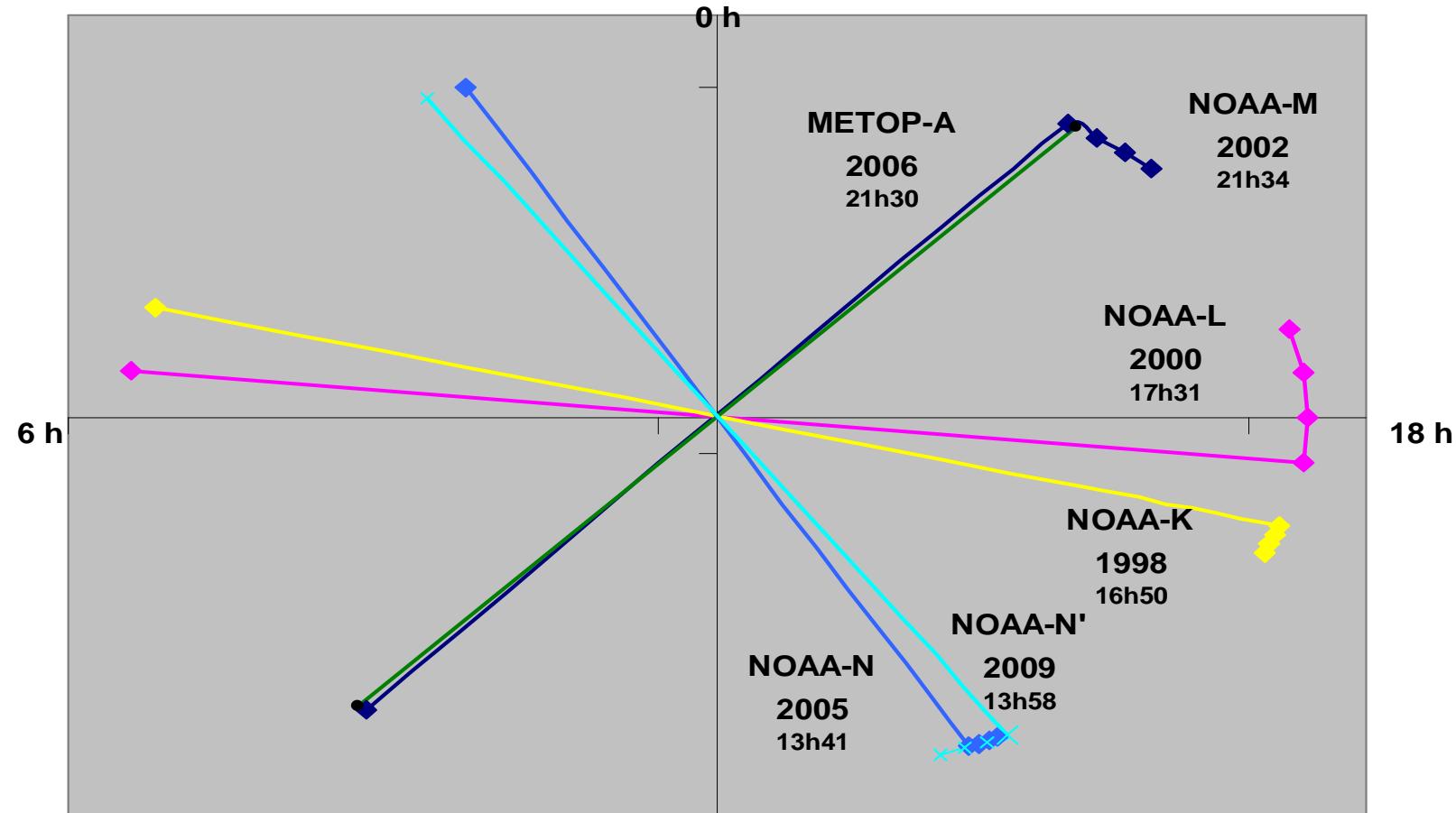
more than 124 years in orbit

Argos Instruments Deployment



Argos Constellation in May 2009

Equator crossing time (May 09)
plus drift in 6, 12, 18 months



Expected Argos Constellation in May 2011

Equator crossing time (expected mi-2011)

